

## ABSTRACT

- [58] The present invention provides an apparatus, a method, and a computer program product for clustering proteomic and genomic data. The apparatus comprises a computer system including a processor, a memory, an input, and an output coupled. The apparatus further comprises means, modules, or steps, for (a) receiving a set of data; (b) producing a one-dimensional ordering of the data samples; (c) configuring a dendrogram from the linearly ordered set of data samples; and (d) outputting the one-dimensional ordering of the data samples and the configuration of the dendrogram; whereby the data samples are clustered in order to allow for efficient analysis to be performed thereon.